

# Technical Fabric Specifications for Insolroll Radiance Blackout Fabrics

Solar Heat Control Properties of Phifer SheerWeave Style 7000. Fabrics installed internally, zero-degree profile angle.

Number	Description	Ts	Rs	As	Tv	1/8" CI	1/4" CI	1/4" H.A.	1 CI	1 H.A.
P62	White	0	64	36	0	0.31	0.31	0.30	0.30	0.24
V40	Onyx	0	64	36	0	0.31	0.31	0.30	0.30	0.24

## DEFINITION OF TERMS:

Ts - (Solar Transmittance) The percentage of solar energy passing through the fabric.

RS - (Solar Reflectance) The percentage of solar energy reflected by the fabric.

As - (Solar Absorptance) The percentage of solar energy that the fabric absorbs.

Tuv - (Ultraviolet Transmittance) The percentage of UV rays that pass through the fabric. It is related to the openness factor.

TV - (Visible Transmittance) The percentage of visible light passing through the fabric. It is related to the amount of glare a person receives through a glazing system.

SC - The percentage of solar heat gain that is transmitted to the interior through the glass and shading system.

O/F - (Openness Factor) The percentage of open area to the total area of the fabric.

1/2 CL - Standard clear 1/8" glass (3mm)

1/4 CL - Standard clear 1/4" glass (6mm)

1/4HA - Heat absorbent 1/4" glass (6mm)

## 14 oz Fiberglass Fabric

**Composition:** PVC or 72" Fiberglass

## Mermet Flocke

**Composition:** 48% Fiberglass, 52% Acrylic with Antistatic Treatment

## Fenestration Properties

Style	SC (Internal)								
No.	Color Ts	Ts	RS	As	TV	OF	1/8CL	1/4CL	1/4 HA
600	Blanc	0		69	310	N/A	0.27	0.28	0.29
603	Beige	0		71	290	N/A	0.25	0.26	0.28
606	Noir	0		68	320	N/A	0.28	0.28	0.29

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